Textile World

The World's Textile Authority

Index to

VOLUME 81

January 2 to June

1932

BRAGDON, LORD & NAGLE COMPANY
Division of McGraw-Hill Publishing Co., Inc.
330 West 42nd St., New York

670.5 v.81 pt 1

General Alphabetical Index

PAGES BY ISSUES

Jan. 2	11-64
Jan. 9	89-137
Jan. 16	171-217
Jan. 23	249-295
Jan. 30	325-369
Feb. 6	459-553
Feb. 13	643-683
Feb. 20	703-747
Feb. 27	773-817
Mar. 5	851-895
Mar. 12	937-979
Mar. 19	1013-1057
Mar. 26	1089-1135
Apr. 2	1167-1209
Apr. 9	1273-1325
Apr. 16	1381-1431
Apr. 23	1459-1499
Apr. 30	1527-1571
May 7	1597-1641
May 14	1681-1727
May 21	1761-1807
May 28	1849-1903
June	1973-2044

A

Accident prevention—Accident prevention discussed at Greensboro meeting....1690
Elimination of falls important. H. T. Martin 955
Accidents, mechanical, too numerous. G. F. Tonks 30
Accounting—Cost-finding system for full-fashioned mills. M. G. Berg....22, 188
Advertising—Cooperative national advertising campaign suggested for wool goods. Walter Brown 1467
Wool men capitalize Washington Bi-Centennial 715
Agitators and mixers in Textile industry.. 655
Amer. Assn. of Textile Chemists & Colorists —Piedmont Section meeting....347, 1549
Waterproofing methods 1030
American Cotton Manufacturers Assn.—Convention in Atlanta—officers elected.1854
American Woolen Company—balance sheet 712
Analyst 2044
Associated Knit Underwear Mfgrs. of America — Dramatizes folly of price emphasis 794
Assn. of Cotton Textile Merchants of New York—Reports for December, 1931.. 193
Uniform salesnote clauses sponsored by association 1395
Associations—Wool organization now existing should be used 658

B

Belting

Leather, to be sold by thickness instead of weight 959
Should be bought on power per dollar. L. E. Murphy (Q) 1487
Belts, life of conveyor 1178
Better Fabrics Testing Bureau—Shrinkage is really "stretchage" 1616

Bleaching

Chain-method of bleaching (Q).....1486
Cotton goods, brown color in (Q)..... 43
Cotton suede, splotchy effect in (Q)....1795
Machinery for bleaching improved 529
Rayon cotton satins bleached before dyeing (Q) 1626
Time studies and job standardization at Waldrich Co. T. G. Laufer..... 340
Tubular-knit cloth (Q) 880
Bonus plan at Waldrich Co. T. G. Laufer. 340

Business Conditions

Confidence return is necessary to recovery. Dr. L. H. Haney 466
Hardy trends for 1932 sown in stony soil of 1931 17
1931 textile insolvencies set record.... 716
Southern leaders see return of confidence in business 780

C

Cable cord, seine twine, trot line (Q)....1486
Card, Jack Letters (appear weekly)

Carpets and Rugs

Callaway Mills cultivates virgin markets 484
Color choice is key to successful carpet design. C. F. Harleston 254
Hooked-rug foundations. Beavens & Wiginton 708
Mohair velvet carpets on rubber base.. 855
Rviij rug in Finnish exhibition.....1385
Census Bureau asks cooperation to cut cost of 1931 census of manufactures.... 724

Color

Bright colors, rough weaves in woolens. G. R. Stevens 1694
Carpet design is successful when color choice is. C. F. Harleston..... 254
Wool fabrics, color, construction and finish in. G. R. Stevens 714

Costs

Cost-finding system for full-fashioned mills. M. G. Berg 22, 188
Georgia Mfgrs. Assn. discuss costs at convention 1397
Knit underwear industry cuts distribution costs. R. A. Cheney 1280
Power plant equipment selection requires study. Waldo Hutchinson 868
Run or shut down? R. E. Loper.....1978
Trucking costs influenced by garage layout. M. A. Hall 866
Yarn costs in circular knitting mills. S. M. Peterson 2008

Cotton

Cotton baling for cotton. R. C. Maultsby 101
Growing cotton for cellulose contact.. 945
Heavy surplus not insurmountable should business recover 510
Spinners should pay more attention to variety, origin and growing conditions. H. H. Willis 1024
Spread between raw cotton and price of mercerized yarn in cents 178
Staple length of foreign cottons consumed in U. S. P. M. Strange 1406
Cotton Manufacturers Assn. of Georgia—Annual meeting 1321
Freight rates, textile education, costs considered at convention 1397

Cotton Manufacturing

A.C.M.A. urges creative merchandising and jute tariff 1854
Bedspread men meet 1878
Bleached goods, brown color in (Q)..... 43
Bow in low count fabric (Q) 1710
Cable cord, seine twine, trot line (Q)..1486
Callaway Mills cultivates virgin markets 484
Card room management. Squire Blackshaw 1314
Card room problems considered by S.T.A. 1536
Carded yarns 1787
Carder's problems discussed at meeting of N.A.C.M. 180
Carding rayon cotton mixtures (Q).....2028
Carding and spinning discussed by Georgia executives 1098
Carding and spinning discussed by S.T.A. at Raleigh 1474
Clark Thread Co.'s Austell plant starts production. R. C. Maultsby..... 336
Combined stapling test predetermines the spinning qualities of cotton.....1174
Commissions for selling goods, Jefferson urges increased 271
Continuous process in vat dyeing. N. R. Vieira 1543
Cooperative endeavor in the cotton industry 1538
Cotton fabric shoes 1609
Cotton rayon mixtures, successful dyeing of. Philip Stott 1396
Damask, crinkled effect in (Q)..... 42
December 1931 reports from N. Y. Textile Merchants 193
Decline of cotton and goods production rate in 1931 543
Drafts and twists, cotton. A. D. Barnard.1996
Durene Assn.'s new president's message.1769
Durene fabric shoes 777
European mills have fewer processes and higher speeds. T. H. Hagen.....1541
Fabric designs for Spring, 1932..... 259
Felt, tarnish-proof (Q) 1794
Flannelette finishing (Q) 201
Friction marks in piece dyed cotton fabrics. C. E. Mullin 1539
Gain and ratch on cotton mule. H. Greenhalgh 1608
Gray goods clearing house would stabilize industry 1102
Gray goods clearing house suggested.... 944
Hooked-rug foundations. Beavens & Wiginton 708
Insulation, electrical, uses cotton. R. I. Martin 782
Jute tariff. R. J. Cheatham 1862
Khaki dyed fabrics, stains in (Q)..... 1042
Long drafting nucleus for future cotton-spinning improvements. C. A. Weston 508
Looms, cotton, of the future will be faster and quieter. Thomas Nelson.. 508
Loper says industry is building for ultimate prosperity 1394
Lubrication of cotton spindles (Q)....2028
Manville Jenckes Co.—major operation to prevent bleeding to death.....1980
Manville Jenckes receivers netted profit by attention to merchandising 482
Marquisette fabrics. Thomas Nelson..1770
Mechanical accidents too numerous. G. F. Tonks 30
Merchandising methods. Dr. M. T. Copeland 1860
Merino blending. R. T. Bentley..... 862
Narrow fabric weaving problems (Q).1794
National Cotton Week 1768
Neps in the card room discussed at Greensboro meeting 1690
Night work banned by cotton industry. 859
1931 cotton called inferior at Committee D-13 meeting 1020, 1184
Ondule warp effect (Q) 1557
Package-dyed cotton yarn, uneven shades in (Q) 1414
Print cloth mills shorten work-week ... 347
Producing only on order. R. C. Maultsby 178
Profitless selling must be corrected. G. A. Sloan 506
Ring frame, new metals and speeds for. E. E. Blake 718
Scouring rayon cotton satins before dyeing (Q) 1626
Shrinkage in rayon cotton batiste (Q).2028
Spinning details discussed by cotton overseers 788
Spinning and warping discussed..... 952
Standards for cotton cloth coated fabric use 948
Statistics for first quarter 1489
Status of the industry 1786
Suede, cotton, splotchy effect in (Q)...1795
Suitings from coarse cotton yarns. T. R. Hart 1604
Tarlatan constructions (Q)..... 353
Terry goods, finishing (Q) 967
Textiles, Inc., report shows deficit due to inventory shrinkage 860
Traveler speed. J. L. Truslow..... 220
Tubular-knit cloth, bleaching (Q).... 880
Uniform salesnote clauses sponsored by three associations 1395
Variable-speed spinning. C. L. Irwin..1868
Vassar Underwear profits from original styling and firm prices 490
Voile, ondule-warp (Q) 1887
Warp mercerizing. B. F. Mitchell....1402
Warping at 900 yards per minute—Lancaster, S. C., mills 1994
Washington conference 331
Weave room efficiency (Draper Corp.)...1096
Wigs of absorbent cotton 329
Yarn diameter and fabric construction. Woodhouse & Brand 1872
Yarn package density. L. L. Kingsford.1103

Cotton Textile Institute

Bedspread Group meets 1878
Directors elected 193
Honorable mention for services 1320
Night work banned by cotton industry.. 859
Night work, urges observance of..... 192

D

Design

Acetate crepe fabrics, twist in. J. Eccles 98
Acetate fabric defects counteracted by skillful dyeing and finishing. John Sterling 856
Backed-cloth design—adding body to wool fabrics. R. A. C. Scott 1986
Barathea weave (Q) 201
Bright colors, rough weaves in woolens. G. R. Stevens 1694
Color, construction and finish in seasonable woolens. G. R. Stevens 714
Color choice is key to successful carpet design. C. F. Harleston..... 254
Cotton fabric designs for Spring.....1932
Cotton fabric shoes 1609
Design as a merchandising factor. F. C. Hall 1031
Designers organize to combat piracy....1548
Designing on circular machines. J. F. Cahill 1864
Durene fabric shoes 777
Following fashion by intelligent planning. F. C. Hall 1988
Hooked-rug foundations. Beavens & Wiginton 708
Japanese wool like silk wear "harsh as sandpaper." James Chittick.....1180
Knit goods, style development 1278
Marquisette fabrics. Thomas Nelson....1770
Narrow fabrics, figured effects by multiple filling. E. J. Gibbons 1696
Narrow fabrics, methods for stitching double-cloth. E. J. Gibbons.....264
New apparel fabrics 2017
Novelties to open new fields for old fibers 472
Open work designs favored in knitted outwear fabrics. W. E. Shinn.....1297
Overcoating, striped effect in (Q)..... 881
Paris houses feature rayon in new fabrics. F. de Francia 959
Rayon fabric styles for 1932 946
Style changes affect wool weaving more than changes in technique. R. A. C. Scott 514
Suitings from coarse cotton yarns. T. R. Hart 1604
Woolen coatings for high-speed automatic weaving. G. R. Stephens 1399
Draper, Arthur, J. 1837
Dry cleaning—Oil removed from draperies (Q)* 200

(Q) Questions and answers

Dryers of unique design. Arnold Weisselberg 1622
Durability of textiles. Adolf Rosenzweig ... 1686
Durene Assn. of America—R. B. King—new president—message 1769

Dyeing

Acetate fabric defects counteracted by skillful dyeing and finishing. John Sterling 856
Cleaning dye machine (Q) 1886
Continuous process in vat dyeing. N. R. Vieira 1543
Cotton-rayon mixtures, successful dyeing of. Philip Stott 1396
Dyehouse construction prevents mist and fog. Heinrich Zieger 2010
Fast dyeing with vat colors on silk. E. W. Pierce 1400
Friction marks in piece-dyed cotton fabrics. C. E. Mullin 1539
Heating piece dye kettles 28
Knitted fabric, streaks in piece-dyed (Q) 880
Machine for better penetration of dyestuffs. W. W. Chase 260
Machinery for dyeing improved 529
Market outlook for 1932 549
Mercerized yarn dyes unevenly (Q) 1556
Mesh hosiery dyeing 1284
One-bath method minimizes shade variations in hosiery. W. H. Lorimer 951
Package dyed cotton yarn, uneven shades in (Q) 1414
Penetration of vat dye, improper (Q) ... 668
Scouring rayon cotton satins before dyeing (Q) 1626
Shrinkage of stock affects shade (Q) .. 967
Sjostrom back at Lawrence Dye Works after 19 years' absence 1867
Streaks in piece-dyed fabric (Q) 669
Substantivities of dyes. W. P. and E. R. Cohoe 184
Tinting silk evenly (Q) 966 (Q) 1197
Toledo Dye Works rises from poor quality to success 496
Uneven dyeing of hosiery (Q) 1711
Vat-color dyeing in pressure machines. Dexter Kneeland 1477
Welding monel metal dye-handling equipment 1403
Wool changes shade upon fulling (Q) . 669
Worsted fabric changes shade after sponging (Q) 118

E

Elastic fabric. See Knit goods.
Employees—Ajax Hosiery offers unique wage system 492

Engineering

Belts, life of conveyor 1178
Clark Thread Co.'s Austell plant starts production. R. C. Maultsby 336
Cotton for electrical insulation. R. I. Martin 782
Cotton ring frame, new metals and speeds for. E. E. Blake 718
Cotton traveler speed. J. L. Truslow .. 220
Dyehouse construction prevents mist and fog. Heinrich Zieger 2010
Electrical developments for 1931. John Liston 187
Electrical progress for year. H. W. Reding 31
Lighting for textile mill. W. S. Hadaway 1776
Power plant equipment selection requires study. Waldo Hutchinson 868
Power plant and mill problems discussed by master mechanics of N.A.C.M. .. 1104
Savings can be made in fuel and in amount of power consumption 530
Self-cleaning motors. N. E. Elsas 1610
Tennessee—Eastman acetate yarn plant 651
Variable-speed drive proves advantageous for dobby looms. T. R. Hart .. 1999
Vibration in textile mills. C. L. Hubbard 648
Erwin, W. A.—dies 863

Exhibitions

British Fair 949
Display windows for National Cotton Week 1881
Durene cotton fashions shown in television 1878
Knitting Arts Exhibition—Textile World guide 1306
North Carolina State College gives annual exhibit 1469
Philadelphia knitting show 1386
Textile Building at Chicago World's Fair 1488
Textile exposition and style show at N. C. college 794

F

Fashion following. F. C. Hall 1988
Federal Specifications Board—offers textile test methods 942
Finance—Decline in mill shares 549
1931 textile insolvencies set record ... 716

Finishing

Acetate fabric defects counteracted by skillful dyeing and finishing. John Sterling 856
Astrakhan finishing (Q) 802
Controlled shrinkage of piece goods, mercerizing and piece-dyeing discussed at S.T.A. meeting 1318
Cotton fabric (Q) 1794
Dasheen starch for sizing and finishing. M. S. Furry 1182
Face-finished fabric, streaks in (Q) ... 1710
Felted goods, smooth finish for (Q) .. 43
Flannelette finishing (Q) 201
Heavy size darkens goods (Q) 1287
Linen thread finishing (Q) 1487
Machinery for finishing improved 529
Perfumed hosiery finishing oil 1884
Plaids, finishing of (Q) 118
Progress in processing cotton, wool, and silk 532
Rayon processing improved 521
Sash cord processing (Q) 803
Shrinkage in rayon cotton batiste (Q) .. 2028
Shrinkage is really "stretchage" 1616
Tapes and ribbons (Q) 1043
Terry cloth finishing (Q) 967
Toledo Dye Works rises from poor quality to success 496
Warp mercerizing. B. F. Mitchell 1402
Wet processing 532
Width for underwear fabrics, finished (Q) 1042
Freight rates discussed at Georgia Mfgrs. Assn. 1397

G

Garage layout influences trucking costs. M. A. Hall 866
Great Britain's textile tariff 504

H

Hosiery

Adams-Millis Corp. increases sales through careful planning 499
Ajax Hosiery emphasizes specialties for profit 492
Bonus and task plan for full-fashioned workers. M. G. Berg 1990
Brown spots on hose (Q) 966
Company aims to stabilize market by regulating machine output 725
Constantine, hosiery's new pilot will "make haste slowly." John Black .. 1029
Cost-finding system for full-fashioned mills. M. G. Berg 22, 188
Crepy stitches in rayon hose (Q) 802
Dark streaks in stockings (Q) 802
Dye machine, cleaning (Q) 1886
Employment bureau needed by manufacturers, 674: C. M. Bell 1189
Gotham Hosiery Co. reports profits through elasticity of mill schedule .. 488
Half hose knitting. C. F. Smith 1984
Holes in dyed hosiery (Q) 733
Holes in half hose caused by knots (Q) . 1415
Horizontal bands in full-fashioned (Q) . 1626
Improvements in hosiery manufacturing. John Chamberlain 522
Merchandising, the prime hosiery problem. Earl Constantine 1280
Mesh, knitting full-fashioned. M. C. Miller 1285
Mesh and lace circular hosiery. L. J. Hill. 1288
Mesh hosiery dyeing. N. D. White 1284
Mesh hosiery, hectic output of. John Black 1282
Mesh hosiery purchasing (Q) 42
Mesh hosiery vogue assumes "boom" proportions 805
Mesh joins the wrap in men's half hose. F. E. Baker 1290
Mill operation, care in. W. H. Hand 103
Mixed stock in silk hose (Q) 1556
Narrowness in silk hosiery (Q) 668
1930-1931 hosiery survey 1476
Non-run hosiery development to be controlled by patent pool 713
One-bath method minimizes shade variations. W. H. Lorimer 951
Pennsylvania enters new era in its knitting history. C. W. Fisher 1303
Rayon on 45 gauge machines (Q) 1486
Rings knit from bottle bobbins (Q) ... 1627
Shade contrast between leg and foot (Q) 352
Shade contrast in hose (Q) 279
Single-unit full-fashioned hosiery. E. D. Fowle 1293
Sleaziness in silk hose (Q) 1627
Sleazy knitting (Q) 669
Socks, defects in men's (Q) 880
Stitch irregularity in half hose (Q) 1118
Stitches per foot (Q) 278
Stocks of full-fashioned hosiery declined says research report 659
"Strawberry stitch" in welt (Q) 1043
Streaks, uneven twist cause of (Q) 1196
Survey shows trend to fine gauge 1292
Tendering of silk hose (Q) 118
Testing as merchandising aid for Brown-Durrell 1606
Testing finds single-top hosiery stronger 873
Uneven dyeing (Q) 1711
Van Raalte sales policy 480
Washing silk hose (Q) 353
William Meyer analyzes "most difficult year" at convention 1390
Yarns for women's hose (Q) 200
Hydro-extractor basket, overhauling (Q) .. 967

I

International Assn. of Garment Mfgrs.—Convention discusses taxes and abuses 947
International Rayon Trading Co. of Holland 1110

J

Japan

Bonded silk sold to Asahi for distribution by Gerli 1540
Boycott sword, rattling the 853
Silk reelers supplying best conditions allow. H. A. Mereness 869
Silk "two-toned effect" to be studied by Nat'l. Assn. of Hosiery & Underwear Mfgrs. 1461

K

Knit Goods

Astrakhan, defect in knitted (Q) 966
Big order in knit goods 1275
Cooperation: Constantine, Cheney, Lhowe. 1280
Elastic tape, specks in (Q) 43
Felted goods, smooth finish for (Q) 43
Growth of knitting industry in the South. R. C. Maultsby 1304
Identification of knitted fabric (Q) ... 1196
Invention active in field. John Chamberlain 522
Knitting history in a bird's-eye view .. 1277
Market outlook for 1932 548
Mesh designs of distinction help knitted outerwear demand 1301
Needles, latch, clogging of (Q) 2028
Open-work designs favored in knitted outerwear fabrics. W. E. Shinn 1297
Pennsylvania enters new era in its knitting history. C. W. Fisher 1302
Philadelphia knitting show 1386
Sports-wear fabric reproduced (Q) 352
Stickiness of cotton wool yarn (Q) 668
Streaks in piece dyed knitted fabric (Q) . 880
Summerweight underwear gains 861
Style developments 1278
Swimsuit mills find style stress offsets hesitancy 1300
Swiss-rib fabric returns to popularity. S. M. Peterson 1294
Tubular-knit cloth, bleaching (Q) 880
Vassar Underwear profits from original styling and firm prices 490
Yarn costs in circular knitting mills. S. M. Peterson 2008
Yarns used in knit jersey (Q) 1415
Knit goods week—Philadelphia ready for opening 1276
Knitting Arts Exhibtiions—Textile World guide 1306

Knitting Machines

Broken full-fashioned sinkers (Q) 2029
Circular outerwear and underwear machines (where obsolescence is felt in textile equipment) 94
Company aims to stabilize market by regulating machine output 725
Designing on circular machines. J. F. Cahill 1864
Full-fashioned mesh hosiery knitting. M. C. Miller 1285
Full-fashioned narrowing. M. C. Miller. 660, 1106. 1780
Full-fashioned narrowing operation—the start. M. C. Miller 1106
Half hose knitting. C. F. Smith 1984
Improvements in machinery 528
Knitting history in a bird's-eye view 1277
Mesh and circular lace hosiery. L. J. Hill 1288
New York City outerwear machinery report 1488
Outerwear machinery study 1532
Philadelphia knitting show 1386
Rayon on 45 gauge machines (Q) 1486
Stop motions (Q) 966

L

Labor

Ajax Hosiery offers unique wage system 492
Applied analysis for textile operations. E. L. Milliken 1775
Bonus and task plan for full-fashioned workers. M. G. Berg 1990
Day and night operation kills profits in wool industry. W. H. Richardson 778
Employment bureau needed by full-fashioned hosiery manufacturers 674: C. M. Bell 1189
Employment stabilization. Dr. G. W. Taylor 468
Five-day week and six-hour day urged by executive 193
Hours must be reduced 1034
Legislative restrictions defeated in South Carolina 672
Night work, Cotton Institute urges observance of 192
Night work banned by cotton industry 859
Piece work, origin of, found in early loom building. J. T. Lincoln 176
Producing only an order. R. C. Maultsby 178
Strikes mar year of otherwise sound industrial relations 502
Superintendent and the overseer 251
Time studies and job standardization at Waldrich Co. T. G. Laufer 340
Upholstery industry survey 96
Wage concession for Philadelphia Upholstery Mfgrs. Assn. 1617
Wage incentive systems in silk throwing. H. E. Bishop 26
Wages and hours of labor in silk and rayon mills 786
Work-week shortened by print cloth mills 347

(Q) Questions and answers

Labor. See also Overseer's Round-Tab'e
Laboratory. See Testing materials and Research.
Lamont conference. See Washington conference.
Latex. See Rubber.
Lighting See Engineering.
Linen yarn diameter and fabric construction. Woodhouse & Brand 1872

Loom
Adjusting the. B. F. Hayes 1026
Dobby, variable speed drive for. T. R. Hart 1999
Positive-motion, in 1882 1401
Shaft skipping on dobby (Q) 1118

M

Machinery
Bleaching equipment improved 529
Circular outerwear and underwear machines (Where obsolescence is felt in textile equipment) 94
Cotton ring frame, new metals and speeds for. E. E. Blake 718
Cotton traveler speed. J. L. Truslow... 220
Dyeing equipment improved 529
Dyeing machine for better penetration of dyestuffs. W. W. Chase 260
Finishing equipment improved 529
Improvements in machinery stimulated by depression 526
Knitting machinery improved 528
Long drafting the nucleus for future cotton-spinning improvements. C. A. Weston 508
Makers have even harder going than manufacturers 524
Mixers and agitators in textile industry 655
Silk throwing changes. G. W. Scarell 516
Spinning equipment improved 526
Trends in mill modernization as seen by engineers 535
Weaving equipment improved 537
Who pays for technical progress? 2012
Winding machines improved 527
Machinery. See also Knitting machines.

Maintenance
Belts, lift of conveyor 1178
Broken full-fashioned sinkers (Q) 2029
Cleaning dye machine (Q) 1880
Hosiery mill operation, care in. W. H. Hand 103
Hydro-extractor basket, overhauling (Q) 967
Lubrication of cotton spindles (Q) 2028
Power plant and mill problems discussed by master mechanics of N.A.C.M...1104
Pressure lubrication at Waypoyset Mfg. Co. 2013
Self-cleaning motors minimize danger from neglect. N. E. Elsas.....1610
Shipping and driving silk and rayon looms. H. E. Wenrich 1998
Spinning details discussed by cotton overseers 788
Spinning and warping details discussed by Overseers Forum 952
Systematic maintenance saves money, improves quality. E. L. Milliken.....1468
Trucking costs influenced by garage layout. M. A. Hall 866
Vibration in textile mills. C. L. Hubbard. 648
Woolen ring spinning. H. P. Galloway.2000

Management
Fighting job still ahead 1975
Manville Jenckes Co.—major operation to prevent bleeding to death 1980
Run or shut down? R. E. Loper.....1978
Yarn costs in circular knitting mills. S. M. Peterson 2008
Materials Handling Institute—formed 35

Merchandising
Adams-Millis Corp. increases sales through careful planning 499
Analysis and forecasts. Dr. L. H. Haney (appears every week)
Ajax Hosiery emphasizes specialties for profit 492
Blumenthal profits increased by quality and price policy 494
Brunswick Worsted Mills shows small plant gains flexibility only by hard work 498
Burlington Mills merchandising. R. C. Maultsby 258
Callaway Mills cultivates virgin markets. 484
Cheney production and sales plan explained 717
Cherington report on distribution problems 1607
Clearing house for gray goods suggested 944
Clearing house for gray goods would stabilize industry 1102
Collins & Aikman builds profits with foresight and quality 501
Company aims to stabilize market by regulating machine output 725
Consumer viewpoint best guide. L. J. Noah 1976
Coordinated selling a necessity. F. W. Jefferson 179
Cotton textile merchandising. Dr. M. T. Copeland 1860
Depression a spur to better selling. Van Raalte policy 480
Design as a merchandising factor. F. C. Hall 1031
Following fashion by intelligent planning. F. C. Hall 1988
Goodall Worsted decides to manufacture own suits **486**
Gotham Hosiery reports profits through elasticity of mill schedule 488
Greenwich Mills finds standardized quality pays 500
Hedging cuts loss on inventory.....1982
Hosiery problem. Earl Constantine....1280
Manville Jenckes receivers netted profit by attention to merchandising..... 482
Maybe textiles aren't different..... 939
New apparel fabrics 2017
New products, value of, appraised at open forum 1703
Price pressure imperils merchant and manufacturer 673
Profit made by fair prices in raw wool trade 515
Profitless selling must be corrected if demand in cottons is to be capitalized. G. A. Sloan 506
Quality educational drive plans.....1548
Record sales of Chatham blankets created by alertness 476
Remain in business or fold up? R. E. Knowland 1542
"Shrink and sell" or liquidate—which for this mill. J. A. Austin.....1766
300 looms make money where 1,200 lost (Hamilton Woolen) 478
Toledo Dye Works rises from poor quality to success 496
Uniform salesnote clauses recommended to cotton textile trade 1395
Upholstery industry survey of Philadelphia 96
Vassar Underwear profits from original styling and firm prices 490
Wanted: a price-fixer 1091
Woolworth 20c. merchandise studied by mills 795
Mergers—Cheney Bros. affiliate with factors in reorganization plan.....1110
Coordinated selling a necessity. F. W. Jefferson 179

Microscope
Delustering under microscope control. E. F. Jordan 2007
Microanalysis of fibers. E. R. Schwarz 104, 1611
Photogicrographs in mill routine. J. A. Austin 332
Mixers and agitators in textile industry.. 655

Modernization
Circular outerwear and underwear (where obsolescence is felt in textile equipment) 94
Cotton looms of the future will be faster and quieter. Thomas Nelson 509
Long drafting the nucleus for future cotton-spinning improvements. C. A. Weston 508
Manville Jenckes Co.—major operation to prevent bleeding to death 1980
Silk weaving, technical advances in. H. E. Wenrich 517
Trends in mill modernization as seen by engineers 535
Mohair manufacturing—Duplicating mohair fabric (Q) 42

N

Narrow fabrics. See Design.
National Assn. of Cotton Manufacturers—Carder's problems discussed 180
Master mechanics discuss power plant and mill problems 1104
Spinning Forum 952
Spinning Overseers' Forum 788
Textile Forum 1394
National Assn. of Hosiery & Underwear Mfgrs.—Convention at Philadelphia.1390
Earl Constantine elected director..... 183
Earl Constantine will "make haste slowly." John Black 1029
Hosiery survey shows trend to fine gauge.1292
Silk "two-toned effect" to be studied..1464
Survey for tr ade problems 873
Davis urges industry to vitalize its statistics 654
National Cotton Week 1683, 1768
Support pledged 1177
National Knitted Outerwear Assn. — Year book 1480
National Retail Dry Goods Assn.—Cheney production and sales plan explained.. 717
Manufacturer and merchant suffering from low prices 673
Underwear sales study 1544
National Wool Growers' Assn.—Col. Johnson urges further cooperation..... 339
National Wool Week Committee — 1932 Wool Week? 711
New England Council—Textile and general industry compared. J. A. Austin....1094
Value of new products appraised at open forum 1703

New Machinery and Processes
Ageing machine 354
Air filtering unit 40
Aluminum coating 964
Apron, long draft 117
Balances, precision 1624
Belt, cone 116
Belts, endless, made at the pulleys.... 276
Brake for motors 116
Calculator, handy 41
Cement, acid proof 965
Chain, roller 964
Chemical washing, extracting and drying machine 1194
Circuit breakers, "De-ion" 1793
Cleaner, industrial 730
Cloth rolling and doubling machine....2027
Cloth shrinking 198
Cloth-shrinking machine 198
Clutch, automatic starting 1884
Color matcher 355
Conditioning machine 116
Coner for silk and rayon 964
Controller, auxiliary-actuated pressure..1885
Controller, steam operated 2026
Cots, Clearapelt 2026
Damper controller, adjustable-speed 355
Desizing agent 671
Double-twister 2027
Drive, electric stoker 965
Drive, variable speed spinning and twisting frame 1555
Dryer, new "Hurricane" raw stock....2026
Dryer, single apron stock 1116
Dryers of unique design. Arnold Weisselberg 1622
Dye jig, light-running 1040
Dye tub, metal clad piece 40
Dyeing machine, package 1484
Dyeing meahine, piece 1041
Dyeing machine, raw stock 1708
Dyeing machine, rayon package.....1709
Dyestuffs ..117, 199, 1041, 1195, 1625, 1709
Emulsifying agents 198
End mills, spiral two-lipped 1040
Equipment, general 2027
Equipment, glass lined, for mixing dyestuffs 801
Extractors, small, for yarn packages....1485
Fade-ometer 2026
Filter-thickener for clarifying feedwater 1709
Finishing oil, perfumed 1884
Fire extinguisher 41
Gears, Herringbone, as pump rotors....1040
Grinding machine, verge-plate 1884
Guider, fabric 670
Gyrator, cotton 1116
Hammer, electric 671
Harness clamp 1040
Heater, electric air 1793
Heaters, unit 354
Hosiery machine, eighty-wrap circular..1485
Hosiery machines, full-fashioned.....1413
Hosiery machines, three full-fashioned..1484
Humidifier, portable 965
Hygrostat 277
Inspector, mechanical, for worsted yarn 878
Insulation, colored rubber 730
Intersecting gill in Bradford spinning. L. M. Harless 2005
Kit, rapid test 1117
Latex compound for textile uses.....1413
Lead coating process 1041
Light control relay 199
Loom let off motion 1625
Loom parts of rubber cotton compound 277
Machine mounting material 41
Manometer, high range 1885
Mercury vapor lamp 1195
Meter, condensation 965
Meter, water 2027
Milling machine attachments 199
Motor, capacitator 1885
Motor, d.c. vertical 355
Motor, electric 1793
Motor, large c.d. 730
Motor, midget electric 731
Motor, open screenless 2026
Motor, repulsion-induction 1625
Motor, unit-built, and speed reducers.. 879
Motor bases, adjustable-arm 670
Napper, clearer-board 964
Oil cup, wick-type 671
Oil seal 1885
Oil spraying process 1195
Overedgeing machine 2027
Primer, engine 879
Printing machine, multi-color warp ...1554
Printweight 2026
Process, single-bath, for boiling-off and dyeing silk 1117
Processing compounds 1885
Proportioner, automatic 1708
Pumps, centrifugal acid 879
Recording instrument 1624
Reduction unit, worm gear 730
Reversing unit, two speed 879
Ring traveler 1555
Rings, spinning 276
Safety switch, Coulier motion 1792
Scale, beam 276
Separator, automatic 671
Sewing machines, isolated installation for 2026
Silk loom attachments 40
Silk soaking. D. S. Chamberlin 2002
Speed regulators 1624
Spindle base 2027
Starter, explosion-proof 1793
Starter, explosion-proof and control station 1624
Starter, manual 731
Starter, explosion-proof 277
Static eliminator 879
Static eliminator for silk and rayon warps 1792
Sewing machines, rotary 965
Swiss-rib fabric, twenty cut 1413
Switch, time delay 801
Tachometer 2027
Teletypewriter service 276
Temperature signal 2026
Tensometer for yarn 1884
Tester, cotton sliver 1412
Thermometer, anti ambi 730
Thermostat, surface 2027
Tissue inserter 1412
Transmission, electro-hydraulic 1117
Trap, steam 1884
Tubing, flexible 277

(Q) Questions and answers

Tubing and cable, oval 731
Twister, novelty 1194
Twister, silk and rayon 1554
Twisting frame, high production 800
Valve, improved gate 1041
Valve, lubricated rotor 355
Valve, pressure relief 1195
Valve, relay pressure 1885
Valve, signal device 1792
Valve, thermostatic radiator 116
Valve, thrustor-operated 731
Valve, two-way relief 1041
V-belt construction 198
Warp beam, adjustable flange paperless. 1708
Warp beam assembly for silk 354
Waterproofing process 671
Weighing device, continuous 878
Welding fittings 670
Welding flux 1041
Welding rod, bronze 801

O

Obsolescence. See Modernization.
Oil removed from draperies (Q) 200
Ondule warp effect (Q) 1557
Organzine. See Silk manufacturing.

Outerwear

Brand as guide in choice of women's outer garments. Blazier & Cranor... 1692
Circular outerwear and underwear machines (where obsolescence is felt in textile equipment 94
Color, construction and finish in seasonable woolens. G. R. Stevens 714
Cooperation keynote aim. H. R. Lhowe. 1281
Cooperative national advertising campaign suggested. Walter Brown 1467
Garment trade's problems at convention 947
Goodall Worsted decides to manufacture own suits 486
Improvements in manufacturing 523
Knitted outerwear machinery..... 1532
Mesh designs of distinction help knitted outerwear demand 1301
Open work designs favored in knitted outerwear fabrics. W. E. Shinn 1297
Swimsuit mills find style stress offsets hesitancy 1300

Overseer's Round Table

About community houses for employees 190
About the rolling stone and experience.. 1876
About expressing opinions 32
About giving repair jobs out..... 1108
About making changes in a department.. 956
About rules and their application 268
About starting or stopping time..... 662
About vegetable gardens 1404
Avoiding accident in the mill 1614
Fire brigade suggested 1700
How to handle machinery during slack times 870
Keeping the department records 1478
Overseer as a teacher 108
Overseers discuss absences 1032
Overseers discuss the six-hour day 1784
Overseer and costs 2024
Political discussion 1546
Talking about the boss himself 792
Value of rules is questioned 344
Where to put the boy to work 722
Youth versus experince 1186

P

Patents

Determining the scope of the invention.. 338
Patent application 24
Patent pool to control "non-run hosiery" 713
Philadelphia Hosiery dyers organize..... 873
Philadelphia Upholstery Mfgrs. Assn.—wage concession in labor pact 1617
Philadelphia Wool & Textile Assn.—Johnson suggests utilize existing agencies..... 658
Photomicrographs in mill routine. J. A. Austin 332

Power

Clark Thread Co.'s Austell plant starts production. R. C. Maultsby 336
Cotton traveler speed. J. L. Truslow.. 220
Electrical developments for 1931. John Liston 187
Electrical progress for year. H. W. Reding 31
Equipment selection of power plant, requires study. Waldo Hutchinson.... 868
N.A.C.M. master mechanics section discuss power-plant and mill problems.. 1104
Natural gas to be used as fuel by textile mills 1548
Savings can be made in fuel and in amount of power consumption 530
Self-clearing motors. N. E. Elsas..... 1610
Variable speed drive proves advantageous for dobby looms. T. R. Hart 1999
Printing—Printing gums and thickeners. 2006

R

Ramie industry, many obstacles hinder establishment 1179
Rayon—World production first quarter 1932 1878

Rayon Manufacturing

Acetate crepe fabrics, twist in. J. Eccles 98
Acetate fabric defects counteracted by skillful dyeing and finishing. John Sterling 856
Burlington Mills merchandising. R. C. Maultsby 258
Carding rayon cotton mixtures (Q) ... 2028
Cellulose content, growing cotton for... 945
Centralization needed 645
Chafe marks in rayon knit goods (Q)... 1627
Cotton rayon mixtures, successful dyeing of. Philip Stott 1396
Curtailment of production very significant. John Black 1101
Delustering under microscope control. E. F. Jordan 2007
Elastic tape, specks in (Q) 43
Filling streaks in rayon crepe (Q) 880
Holes in webbing (Q) 1795
Industrial market buys 32.6% of silk rayon woven fabrics 1111
Lubricating rayon wool mixture (Q).... 353
Market outlook for 1932 547
Narrow fabric weaving problems (Q)... 1794
Paris houses feature rayon in new fabrics. F. de Francia 959
Picking rayon clips (Q) 2029
Processing of rayon improved 521
Production and consumption set new record 518
Production and consumption 1921-1931 tables 263
Scouring rayon cotton satins before dyeing (Q) 1626
Shiners on rayon cops (Q) 1119
Shipping and driving rayon and silk looms. H. E. Wenrich 1998
Shrinkage in rayon cotton batiste (Q). 2028
Silk vs. rayon—statement by Paul Debry. 1488
Silk nibs in staple yarn (Q) 1626
Spinning waste (Q) 1556
Styles in rayon fabric for 1932 946
Tennessee-Eastman acetate yarn plant.. 651
Thread slippage in rayon crepe (Q).... 279
Underwear sales study 1544
Viscose process plants may shut down.. 1871
Wages and hours of labor in silk and rayon mills 786
Weighting of rayon underwear. W. W. Chase 1296
White lines in rayon fabric (Q)..... 278
World production and consumption.... 519
Yarns and fabrics improved 520

Research

Garvan and research 1602
Origin of piecework found in early loom building. J. T. Lincoln 176
Russell Mfg. Co. develops new products through research 864
Substantivities of dyes. W. P. and E. R. Cohoe 184
Throwsters Research Institute opens ... 795
Upholstery industry survey of Philadelphia 96
Will Garvan put action into the talkie?. 1599

Rubber

Cotton cloth standards for coated fabric use 948
Doe-tex fabric utilizes new technique.. 1489
Latex compounds in textile fabrication and finishing. J. A. Austin 1018
Mohair velvet carpets on rubber base.. 855
Rugs. See Carpets and Rugs.
Russia—World markets may be affected by Russia's fabric dumping. Robiczek & Leonhardt 1172

S

Sash cord processing (Q) 803

Schools

Lowell Alumni reunion 1870
North Carolina State College gives annual exhibit 1469
Textile education discussed at Georgia Mfrs. Assn. 1397
Textile High School in New York opens new building 1693
Textile Engineering School at Auburn, Ala. 950
Serigraph. See Testing materials.
Shrinkage is really "stretchage"..... 1616

Silk—Raw

Calculations for figuring number of yards in pound (Q) 352
Japan liquidates surplus 1540
Selection of silk for throwing. H. E. Bishop 26
Throwster's clearance best determined by tests 102
Silk Assn. of America—Dictator for industry suggested by T. B. Hill..... 1097
Meeting—plea for cooperation in survey 262

Silk Manufacturing

Broadcloth constructions (Q) 1415
Cable twist in silk (Q) 1118
Canton crepe has shiny ends (Q) ... 119
Cheney production and sales plan explained 717
Commission weaver looks at silk industry. R. E. Ballard 958
Dictator for industry suggested by T. B. Hill 1097
Harshness in weighted crepe (Q) 1711
Hoover hears silk's problem 1188
Japanese reeler supplying best conditions allow. H. A. Mereness 869
Japanese wool like silk wear "harsh as sandpaper." James Chittick 1180
Kinky filling causes "pinholes" (Q).... 1119
Lousiness in organzine 83
Low boil-off and weakness (Q) 1794
Market outlook for 1932 546
Quiltings, pure silk, for domestic uses.. 1786
Ribbon table (Q) 1415
Rustspots in silk crepe (Q) 1486
Shipping and driving silk and rayon looms. H. E. Wenrich 1998
Soaking, machine, of silk gains with throwsters. D. S. Chamberlin..... 2002
Soaking, potassium carbonate used in (Q) 1043
Soaking hard nature silk (Q) 278
Soaking Japan silk (Q) 200
Soaking problems (Q) 1415
Streakiness in shantung warp (Q) 2029
Streaks in yarn dyed taffeta (Q)..... 1042
Styling, distinctive, could help offset uncertainty 1199
Survey, plea for cooperation in 262
Tendering of silk by light. Harris & Jessup 343
Throwing changes foretold by recent developments. G. W. Searell 516
Throwing problems. H. E. Bishop ... 26
Throwster's clearance best determined by tests 102
Tin lead process in silk goods weighting.. 2009
Tinting silk evenly (Q) 966, (Q)..... 1197
To weight or not to weight 1529
Transparent velvets. M. N. Roux..... 1993
Twist setting (Q) 42
"Two tone effect" to be studied by Nat'l. Assn. of Hosiery & Underwear Mfgrs.. 1464
Van Raalte sales policy 480
Vat colors used for fast dyeing. E. W. Pierce 1400
Velvet manufacture helps increase Blumenthal profits 494
Wages and hours of labor in silk and rayon mills 786
Warp streaks in silk fabric (Q)..118, 1795
Warp streaks in crepe de chine (Q)..... 733
Wavy joinings in silk fabrics (Q).... 1196
Weaving, technical advances in. H. E. Wenrich 517
Weighted and mixed goods, definitions set for 1535
White lines in silk crepe (Q) 200
Winder traverse motion. L. L. Kingsford 1316
Yarn diameter and fabric construction. Woodhouse & Brand 1872
Silk & Rayon Credit Assn.—annual meeting 347
South Carolina Society of Engineers—Five-day week and six-hour day urged by executive 193
Southern Textile Assn.—Car-room problems considered at Columbia 1536
Dyers—bleachers—finishers section meeting 1318
Eastern Carolina Division discussed carding and spinning 1462
Northern North Carolina and Virginia Division meeting 1690
Spindle survey, worsted 20
Spinning, frame. H. P. Galloway..... 2000
Standardization—Blanket "part wool" code adopted 1035
Cotton-cloth standards for coated fabric use 948
Starch, dasheen, for sizing and finishing. M. S. Furry 1182

T

Tariffs

Cotton-jute tariff. R. J. Cheatham.... 1862
Great Britain's textile tariff 504
Why the tariff? 173

Testing Materials

Combined stapling test of cotton..... 1174
Committee D-13 of Amer. Society for Testing Material 1015
Cotton of 1931 declared inferior at Committee D-13 meeting.....1020, 1184
Federal Specification Board offers textile test methods 942
Friction marks in piece dyed cotton fabrics. C. E. Mullin 1539
Hosiery testing as merchandising aid for Brown-Durrell 1606
How durable are textiles? Adolf Rosenzweig 1686
Microanalysis of fibers. E. R. Schwarz 104
Modified serigraph for testing yarns in fabrics. Katharine Hess 25
Shrinkage is really "stretchage"..... 1616
Single-top hosiery stronger, testing company finds 873
Tendering of silk by light data. Harris & Jessup 343
Textile Arbitration Council 1320
Textile Brokers Assn.—Uniform sales note clauses sponsored by association.... 1395
Textile Color Card Assn. of the U. S.—Meeting and election of officers..... 1490
Textile Converters' Assn.—Uniform sales note clauses sponsored by association. 1395
Textile Export Assn.—officers chosen..... 1703
Textile Foundation—Meeting in Washington 193
Research awards 1407

Textile Industry

Applied analysis for textile operations. E. L. Milliken 1775
Confidence return is necessary to recovery. Dr. L. H. Haney 466
Durability of textiles. Adolf Rosenzweig 1686
Fundamental developments — National Cotton Week, National Wool Week, Silk Industry Week and night work movement 471
How durable are textiles? Adolf Rosenzweig 1686
"If I were a textile manufacturer." Jack Card 505

(Q) Questions and answers

It can be—and has been—done 474
Letters commenting on industry 330
New England Council records ideas and plans. J. A. Austin 1094
1931 textile insolvencies set record.... 716
North Carolina leads South in new facilities 110
Piece work, origin of, found in early loom building. J. T. Lincoln 176
"Prices of textile products" 1549
Quality educational drive plans.....1548
Root problems must be attacked in 1932 100
"Secrets" of today are undiscovered knowledge. C. H. Clark 1022
Southern leaders see return of confidence in business 780
"Stabilization council" planned for wool trade 1393
Statistical picture, profitless prices blot on 464
Textile Building at Chicago World's Fair 1488
Textile World's annual editorial inventory 13
Who pays for technical progress?....2012
Textile Operating Executives of Georgia—Carding and spinning problems discussed 1098
"Textile World"—change to monthly.1851, 2023
Historical summary 16
Textile World Analyst—appears every week, by Dr. L. H. Haney.
Textiles, Inc.—report shows deficit due to inventory shrinkage 860
Throwsters Research Institute—meeting..1320
Opens 795
Time studies and job standardization at Waldrich Co. T. G. Laufer 340
Trade practices for weighted and mixed silk goods 1535
Trucking costs influenced by garage layout. M. A. Hall 866
"Typp" universal yarn numbers. E. D. Fowle 1470

U

Underwear

Association dramatizes folly of price emphasis 794
Circular outerwear and underwear machines (where obsolescence is felt in textile equipment) 94
Knit underwear industry cuts distribution costs. R. A. Cheney 1280
Pennsylvania enters new era in its knitting history. C. W. Fisher 1302
Rayon sales study 1544
Rayon underwear, weighting of. W. W. Chase 1296
Slow output and aggressive selling are helpful to underwear mills.....1295
Summerweight underwear gains 861
Swiss-rib fabric popular again. S. M. Peterson 1294
Van Raalte sales policy 480
Vassar Underwear profits from original styling and firm prices 490
Width, finished, for underwear fabric (Q) 1042
Yarn costs in circular knitting mills. S. M. Peterson 2008
Unemployment. See Labor.
U.S.S.R. moves to improve wool output...1786
United States Institute for Textile Research—F. P. Garvan elected president 346
Garvan and research 1602
Upholstery—Collins & Aikman builds profits with foresight and quality.... 501
Upholstery industry survey 96

W

Walcott, George A. 1774
Warping at 900 yards per minute—Lancaster, S. C., cotton mills 1994
Warping speeds for narrow fabric work (Q) 1886
Washington Bi-Centennial capitalized by wool men 715
Washington conference with cotton men.. 331
Waterproofing methods 1030
Weave room efficiency (Draper Corp.)...1096
Weaving—Cross drawing for 1x1 l.sting (Q) 733
Welding mouel metal dye handling equipment 1403
Where obsolescence is felt in textile equipment (series)—Circular outerwear and underwear 94
Wool—Profit made by fair prices..... 515
Soviet moves to improve wool output..1786
Wool industry plans "stabilization council" 1393
Wool Industry Advisory Board—Scope of board 1689

Woolen Manufacturing

American Woolen Co. balance sheet ... 712
Backed-cloth design — adding body to wool fabrics. R. A. C. Scott.....1986
Birth? or another obituary? 1383
Blanket "part wool" code adopted....1035
Blanket of wool and silk 1791
Blanket sales created by alertness (Chatham Mfg. Co.) 476
Bright colors, rough weaves. G. R. Stevens 1694
Carbonizing woolen yarn (Q) 1886
Cherington report on distribution problems 1607
Clip marketing discussed by wool cooperative and independents.....1879
Coatings for high speed automatic weaving. G. R. Stephens 1399
Color, construction and finish in seasonable woolens. G. R. Stevens..... 714
Consumer viewpoint best guide. L. J. Noah 1976
Cooperation urged by Col. Johnson at National Wool Growers' Assn..... 339
Cooperative national advertising campaign suggested. Walter Brown.....1467
Core yarn making (Q) 1042
Day and night operation kills profits in wool industry. W. H. Richardson.. 778
Felted goods, smooth finish for (Q)... 43
Greenwich Mills finds standardized quality pays 500
Heating piece dye kettles 28
Hedging cuts loss on inventory 1982
Japanese wool like silk wear "harsh as sandpaper." James Chittick 1180
Leaders to pool ideas 1319
Light waste ends on card (Q) 278
Loom, adjusting the. B. F. Hayes.....1026
Lubricating rayon wool mixture (Q).. 353
Market outlook for 1932 545
Merino blending. R. T. Bentley..... 862
Mill experience with woolen ring spinning. H. P. Galloway 2000
Mock-twist yarn, unevenness in (Q).... 732
Mule spun yarn uneven (Q) 732
Necktie lining curls (Q) 802
1932 Wool Week? 711
Organizations now existing should be used 658
Overcoating, striped effect in (Q)..... 881
Pile fabrics, uneven cutting of (Q).... 42
Plaids, finishing (Q) 118
Production of wool 1929, 1930, 1931...1617
Scouring problems (Q) 1887
Shade changes after sponging (Q)..... 118
Shade changes upon fulling (Q)..... 669
Shaded woolen goods (Q) 1118
Shrinkage of stock affects shade (Q)... 967
Spinning woolen yarns to meet price presents difficulties. S. H. Wheelock 512
Statistics, vitalize, urges. H. S. Davis.. 654
300 looms make money where 1,200 lost (Hamilton Woolen) 478
Twill, method of varying (Q) 119
Twist, designating direction of (Q)...1196
Upholstery industry survey 96
Velvet manufacture helps increase Blumenthal profit 494
Warp streaks in dress-goods fabric (Q)..1795
Washington Bi-Centennial capitalized by wool men 715
Washing process lessens danger from anthrax. L. M. Harless 1545
Weaving more affected by style changes than in technique. R. A. C. Scott.. 514
Yarn diameter and fabric construction. Woodhouse & Brand 1872
Woolworth 20c. merchandise studied by mills 795

Worsted Manufacturing

Astrakhan, defect in knitted (Q) 966
Astrakan finishing (Q) 802
Barathea weave (Q) 201
Blending worsted tops (Q) 1710
Brunswick Worsted Mills shows small plant gains flexibility only by hard work 498
Credit service to be organized..... 872
Cross bred on ring frame. F. D. Hudson 1315: (Q) 1557
Goodall Worsted decides to manufacture own suits 486
Greenwich Mills finds standardized quality pays 500
Heating piece dye kettles 28
Intersecting gill as applied to Bradford system. L. M. Harless 2005
Judging worsted tops. Richard Jackson.. 267
Kinks in cap spinning (Q) 2029
Pile fabrics, uneven cutting of (Q)... 42
Twist, designating direction of (Q)....1196
Twists, higher, bring problem to spinner. L. M. Harless 513
Upholstery industry survey 96
Warp streaks in wool crepe (Q) 1710
Worsted spindle survey 20
Yarn diameter and fabric construction. Woodhouse & Brand 1872

Y

Yarn

Costs of yarn in circular knitting mills. S. M. Peterson 2008
Diameter of yarn and fabric construction. Woodhouse & Brand 1872
Hosiery yarns (Q) 200
Modified serigraph for testing yarns in fabrics. Katharine Hess 25
Production by kinds for 1929, 1930, 1931 1703
Universal yarn numbers. E. D. Fowle (Yarn number conversion table) ...1470

Yarn—Cotton

Combined stapling test predetermines the spinning qualities of cotton 1174
Density of yarn packages brings economies. L. L. Kingsford 1103
Insulation, electrical, uses cotton. R. I. Martin 782
Mercerized yarn dyes unevenly (Q)...1556
Merino blending 862
Package-dyed cotton yarn, uneven shades in (Q) 1414
Producing only on order. R. C. Maultsby 178
Stickiness in cotton wool yarn (Q).... 668

Yarn—Rayon

Silk nibs in staple yarn (Q).....1626
Twist in acetate crepe fabrics. J. Eccles. 98

Yarn—Woolen

Carbonizing woolen yarn (Q) 1886
Core yarn making (Q) 1042
Merino blending 862
Mock-twist yarn, unevenness in (Q)..... 732
Mule spun yarn uneven (Q) 732
Nub yarn making (Q) 1556
Stickiness in cotton wool yarn (Q).... 668
Twist, designating direction of (Q)...1196

Yarn—Worsted

Bleaching worsted yarn (Q).....3006
Intersecting gill box. George Hendricks.2275
Twist, designating direction of (Q)....1196
Standardizing needed 1713
Survey of worsted yarn 1703
Worsted spindle survey 20

AUTHORS' INDEX

A

Alexander, R. S.: Presents from salesmen.. 108
Ancliffe, Frederick: Mill villages 344
Austin, James A.: Latex compounds open new fields in textile fabrication and finishing 1018
Putting photomicrographs to work in the textile mill 332
"Shrink and sell" or liquidate—which for this mill 1766
Textile and general industry compared by N. E. Council 1094

B

Baker, Franz E.: Mesh joins the warp in men's half hose 1290
Ballard, Ray E.: Commission weaver looks at the silk industry 958
Barnard, Albert D.: Cotton drafts and twists 1996
Barton, W. D.: Overseer as teacher 722
Beabens, Ellen K and J. T. Wiginton: Cotton fabrics suitable for hooked-rug foundations 708
Becknell, H. B.: Operatives' days-off....1478
Bell, C. Marlin: Full-fashioned hosiery job survey 1189
Bentley, Ralph T.: Satisfactory procedure for merino blending 862
Berg, M. G.: Cost-finding system for full-fashioned mills 22, 188
Fills better need as monthly 2023
Payment curves upward—unique task and bonus plan 1990
Bishop, H. E.: Better production and merchandising for silk throwster 26
Black, John: Hosiery's new pilot will "make haste slowly" 1029
New rayon curtailment shows power of cooperation 1101
Overconfidence seen as danger in hectic output of mesh hosiery 1282
Blackshaw, Squire: Good practice and bad in cotton carding 1314
Blake, E. E.: New metals and speeds for cotton ring frame 718
Blazier, Velma, and Katherine Cranor: Brands as guide in choice of women's outer garments 1692
Bokum, Robert C.: Youth vs. years.....1479
Brand, A., and T. Woodhouse: Yarn diameter and fabric construction....1872
Brown, Walter: Merchandising opportunity for wool goods 1467
Byrd, F. L.: Decentralized clerical work.1876

C

Cahill, J. Frederick: Design knitting on circular machines 1864
Card, Jack: "If I were a textile manufacturer" 505
Chamberlain, John: Inventive genius active in knit-goods field 522
Chamberlin, D. S.: Machine soaking of silk is growing trend among throwsters 2002
Chase, Winn W.: Improved machine for better penetration of dyestuffs..... 260
Weighting of rayon underwear fabrics continues 1296
Cheatham, R. J.: Adequate tariff on jute.1862
Cheney, Roy A.: Knit underwear industry cuts distribution costs 1280
"With a monthly it will be different"..2023
Chittick, James: Wool-like men's wear "harsh as sandspar" 180
Christner, L. E.: Mill's fire fighters.....2024
Clark, Charles H.: Most textile "secrets" are undiscovered knowledge 1022
Clouser, Harold I.: Slack-time operation.1405
Cohoe, W. P., and E. R.: Laboratory machine aids determination of substantivities of dyes 184

(Q) Questions and answers

Constantine, Earl: Merchandising, the prime hosiery problem 1280
Cook, A. L.: Super's qualifications.....1186
Cook, J. Raymond: Employees as gardeners.1784
Overseer as teacher 663
Cooper, A.: On health of the mill worker. 33
Copeland, Dr. Melvin T.: Merchandising methods in cotton textile industry...1860
Cranor, Katherine, and Velma Blazier: Brands as guide in choice of women's outer garments 1692
Crawford, W. D.: Overseer as teacher 722

D

Davis, P. O.: Progress made by School of Textile Engineering at Auburn 950
de Francia, F.: Parisian fabric houses feature rayon in their new fabrics.. 959
Dunlap, E. S.: Slack-time operation....1405
Duxbury, Milton: Ondule-warpe voile (Q)..1887

E

Eccles, J.: Acetate crepe fabrics suffer from excessive yarn twist..... 98
Eggenberger, P. H.: Enforcement of rules. 792
Elms, R. A.: Youth vs. years.....1405
Elmore, L. A.: Super's qualifications....1109
Elsas, Norman E.: Self-cleaning motors minimize danger from neglect 1610
Estes, L.: Operatives' day-off 1404

F

Fisher, Charles W.: Pennsylvania enters new era in its knitting history.....1302
Fowle, Edwin D.: Single unit full-fashioned hosiery — its present and future 1293
"Typp" a basis for numbering all yarns..1470
Furry, Margaret S.: Dasheen starch found suitable for sizing and finishing....1182

G

Gagnon, E. E.: Super's qualifications....1108
Galloway, Howard Price: Woolen sring spinning 2000
Gibbons, Edwin J.: Figured effects in narrow fabrics by multiple filling.....1696
Methods for stitching double-cloth narrow fabrics 264
Gossett, B. B.: Return of confidence in business 780
Greenhalgh, H.: Gain and ratch on cotton mule and their problems....1608

H

Hadaway, W. S.: High intensity illumination is significant trend in textile mill lighting 1776
Hagen, Thomas H.: European cotton mills have fewer processes and higher speeds 1541
Hall, Frances Cushing: Design as a merchandising factor 1031
Following fashion by intelligent planning 1988
Hall, Morris A.: Garage layout influences trucking costs 866
Hand, W. H.: Appeal for care in hosiery mill operation 103
Overseer as teacher 662
Haney, Dr. Lewis H.: Analysis and forecasts (appears every week).
Return of confidence is a necessary prelude to recovery 466
Harless, L. M.: Higher twists bring problems to worsted spinner 513
Improved wool washing process lessens danger from anthrax 1545
Intersecting gill as applied to Bradford system 2005
Harleston, C. F.: Choice of color is key to successful carpet design 254
Harris, Milton, and D. A. Jessup: Data on tendering of silk by light 343
Hart, T. R.: Attractive suitings woven from coarse cotton yarns 1604
Variable-speed drive proves advantage for dobby looms 1999
Hayes, Benjamin F.: Adjusting lay, protection, and picking motions of loom..1026
Hess, Katherine: Modified serigraph for testing yarns in fabrics 25
Hill, Dean: He likes the idea, too.....2023
Hill, L. J.: Mesh and lace circular hosiery presents few technical difficulties....1288
Horn, Henry F.: Payment by piece-rate... 33
Starting the boy in the mill 870
Starting and stopping time 957
Hubbard, Charles L.: Simple measures prevent vibration in textile mills.... 648
Hudson, Frederick B.: Abundance of cross-bred wool favors worsted ring frame 1315: (Q) 1557
Hutchinson, Waldo: Selection of power plant equipment requires study..... 868

I

Internoscia, Donato: Overseer as teacher. 662
Irwin, C. L.: 15% gain in production with variable speed spinning 1868

J

Jackson, Richard: Quality of worsted tops 267
Jefferson, Floyd W.: Mergers will revive lost art of making a profit 179
Jessup, Daniel A. and Milton Harris: Data on tendering of silk by light 343
Jeter, W. H.: Presents from salesmen.... 108
Johnson, Charles F. H.: Mob buries individualism until leadership arises.... 330
Jordan, Edward F.: Delustering under microscope control *2007
Joshi, P. B.: Overseer as teacher 1032
Scrubbing floors 33
Word from India on chewing 109

K

Kingsford, L. L.: Greater density of yarn packages brings economies 1103
Protecting quality and output through silk-winder traverse 1316
Kneeland, Dexter: Vat-color dyeing in pressure machines 1477
Knowland, R. E.: Care in details indicated for concerns which would remain in business 1542

L

Laufer, Thomas G.: Time studies and job standardization effect economies at Waldrich Co. 340
Layzell, Alfred C.: Enforcement of rules.. 792
Leonard, L.: Christmas in England..... 345
Leonhardt, Rene, and H. A. Robiczek: Russia's fabric dumping may affect world markets 1172
Lhowe, Harold R.: Cooperation keynote aim of knit outerwear group.....1281
Lincoln, Jonathan Thayer: Origin of piece work found in early loom building... 176
Liston, John: Electrical developments of 1931 for textiles 187
Loper, Ralph E.: Industry building basis for ultimate prosperity 1394
Run or shut down? 1978
Lorimer, William H.: One-bath method minimizes shade variations in hosiery. 951

M

Marchant, Thomas M.: Return of confidence in business 781
Martin, H. T.: Elimination of falls important in accident-prevention program 955
Martin, R. I.: Cotton textiles find wide use for electrical insulation 782
Maultsby, Ralph C.: Clark Thread Co.'s Austell plant starts production..... 336
Merchandising dominant factor in Burlington Mills 258
Net weight basis for cotton sales gaining support 101
Producing only against orders constructive trend in combed yarns..... 178
Remarkable growth of knitting industry in the South 1304
Mavity, S. L.: Expressing opinions..... 345
McCulloch, N. E.: Letter to editor..... 330
Mereness, H. A.: Silk reelers are supplying best product conditions allow.... 869
Meyer, William: "Most difficult year" of hosiery and underwear 1390
Miller, M. C.: Full-fashioned narrowing—taking off the loops 1780
Full-fashioned narrowing operation—the start 1106
Minimizing loop distinction in knitting full-fashioned mesh 1285
Movements of parts in full-fashioned narrowing 660
Milliken, Earle L.: Analytical reasoning can be applied to textile operations..1775
Systematic maintenance saves money, improves quality 1468
Mitchell, B. F.: Chemical control for uniform results in warp mercerizing 1402
Morrell, W. W.: Employees as gardeners..1785
Mullin, Charles E.: Friction marks in piece dyed cotton fabrics 1539
Murphy, Louis E.: Belting should be bought on power per dollar (Q)....1487
Murphy, M. O.: Boost for George Stevens.2023

N

Nelson, Thomas: Constructing plain and fancy marquisette fabrics 1770
Future cotton looms will be faster and quieter 509
Noah, Lionel J.: Consumer viewpoint best guide 1976

O

O'Neill, J. H.: Community building..... 723

P

Peterson, S. M.: Finding yarn costs in circular knitting mills 2008
Swiss-rib fabric returns to popularity..1294
Phillips, Arthur: On starting and stopping time 1109
Picone, John: Super's qualifications.....1186
Pierce, E. W.: Use of vat colors will permit faster dyeings on silk 1400

R

Reding, H. W.: Year's electrical progress as it affects textiles 31
Richardson, William H.: Day and night operation makes profits unattainable in wool industry 778
Robiszek, H. Alexander, and Rene Leonhardt: Russia's fabric dumping may affect world markets 1172
Rosenzweig, Adolf: How durable are textiles? 1686, 2023
Roux, Maurice N.: Transparent velvets ..1993
Rushton, Harry: Mill's fire fighters.....2024

S

Sargisson Z. E.: Starting and stopping time 957
Schwarz, Edward R.: Microanalysis of fibers 104, 1611
Scott, R. A. C.: Backed-cloth design—adding body to wool fabrics 1986
Wool weaving more affected by changes in style than in technique 514
Searell, George W.: Recent developments foretell marked changes in silk throwing 516
Sheeley, G. W.: Making coreyarn (Q)...1042
Shinn, W. E.: Open-work designs favored in knitted outerwear fabrics.....1297
Sloan, George A.: Cooperative endeavor in the cotton industry 1538
Profitless selling must be corrected if demand in cottons is to be capitalized 506
Smith, Charles F.: Knitting half hose...1984
Stephens, George R.: Woolen coatings for high speed automatic weaving.....1399
Sterling, John: Skillful dyeing and finishing counteract defects in acetate fabrics 856
Stevens, George R.: Bright colors, rough weaves in woolens 1694
Color, construction and finish in seasonable woolens 714
Stott, Philip: Successful dyeing of rayon-cotton mixtures 1396
Strange, Peter M.: Staple length of foreign cottons consumed in U. S...1406

T

Taylor, Dr. George W.: Professional attitude needed in business to effect employment stabilization 468
Tonks, G. F.: Mechanical accidents are too numerous in textile industry 30
Truslow, J. L.: Struggle against speed limitations of cotton traveler..... 220

V

Vieria, N. R.: Continuous process has well defined place in vat dyeing 1543

W

Webb, Ernest: Starting the boy in the mill 1547
Webb, William B.: Talking politics in the mill 2024
Weiskel, Frank M.: Expressing opinions.. 663
Weisselberg, Arnold: Textile dryers of unique design 1622
Wenrich, H. E.: Important technical advances in silk weaving 517
Shipping and driving silk and rayon looms 1998
Weston, Charles A.: Long drafting the nucleus for future cotton spinning improvements 508
Wheelock, Stanley H.: Spinning woolen yarns to meet price presidents' difficulties 512
White, Noel D.: Thorough degumming essential in dyeing silk mesh hosiery..1284
Wiatrak, Emil: Departmental changes...1478
Employees as gardeners 1784
Wiginton, John T., and E. K. Beavens: Cotton fabrics suitable for hooked-rug foundations 708
Willey, Charles H.: Payment by piece-rate. 32
Youth vs. years 1479
Willis, H. H.: Putting the boy to work..1187
Spinners should pay more attention to cotton variety origin and growing conditions 1024
Woodhouse, T., and A. Brand: Yarn diameter and fabric construction...1872
Woolf, Douglas G.: Textile World's annual editorial inventory 13
Wray, James R.: Decentralized clerical work 1877
Wynn, P. A.: Health of mill workers.... 190

Z

Zieger, Heinrich: Dyehouse construction prevents mist and fog 2010